

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave.St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-029198**Date Inspected:** 22-Feb-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:****CWI Present:**

Yes No

**Inspected CWI report:** Yes No N/A**Rod Oven in Use:**

Yes No N/A

**Electrode to specification:** Yes No N/A**Weld Procedures Followed:**

Yes No N/A

**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:**

Yes No N/A

**Approved Drawings:** Yes No N/A**Approved WPS:**

Yes No N/A

**Delayed / Cancelled:**

Yes No N/A

**Bridge No:** 34-0006**Component:** SAS OBG**Summary of Items Observed:**

Caltrans Office of Structural Material (OSM) Quality Assurance Inspector (QAI) Joselito Lizardo was present at the Self Anchored Suspension (SAS) job site as requested to perform documentation and updating of weld repair excavations for the San Francisco Oakland Bay Bridge (SFOBB) Project.

This QA was at the Pier 7 Caltrans site office and performed documentation and updating of weld repair excavations for OBG west bound OBG 13W-PP120-PP122. The repair excavations documentation were entered into an Excel spreadsheet that will be used to verify that the repairs that have been rejected by ABF QC and QA were repaired by ABF personnel and then tested by ABF QC.

This QA was also at Pier 7 warehouse and performed bolt sampling for the project. This QA met with Caltrans Engineer Bob Brignano at the warehouse at around 9:00 AM. The bolts that were sampled and measured according to size and then checked the nuts/washers to make sure they comply with the specification. The sizes of the bolts/nuts/washers were as follows;

Bolts: ASTM A325 MG Nuts: ASTM A563 MG Washers: ASTM F436 MG

5/8" x 2 1/4" 200 pcs.

5/8" x 2 1/2" 200 pcs.

5/8" x 2 3/4" 200 pcs.

5/8" x 3" 400 pcs.

5/8" x 3 1/4" 200 pcs.

---

## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

5/8" x 3 1/2" 200 pcs.

After the completion of the bolts sampling, this QA generated the TL-102 report and sent it to Caltrans Lab in Sacramento, CA.

### Summary of Conversations:

No significant conversation occurred today.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact SMR Gary Thomas 916-764-6027, who represents the Office of Structural Materials for your project.

---

<b>Inspected By:</b>	Lizardo, Joselito	Quality Assurance Inspector
<b>Reviewed By:</b>	Reyes, Danny	QA Reviewer

---